

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-21 (Canceled).

Claim 22 (New): A planetary gearset comprising:

a rotating element which is one element from among a sun gear, a ring gear, and a carrier that rotatably retains a plurality of pinion gears arranged between the sun gear and the ring gear, and which transmits torque between said rotating element and an external member provided eccentric with respect to said rotating element; and

a fixed element which is one element from among the sun gear, the ring gear, and the carrier, said fixed element being an element other than the rotating element, which is retained so as to be able to move without rotation in a predetermined radial direction of a load from the transmission of torque between the rotating element and the external member, and which is constructed such that the load from the transmission of torque between the rotating element and the external member is received by a fixed portion that rotatably retains that rotating element.

Claim 23 (New): A planetary gearset according to claim 22, wherein said fixed element is retained by coupling means in a form of a grooved spline such that said fixed element is allowed to move without rotation in said predetermined radial direction parallelly to said load, and wherein this radial movement is allowed to such extent that said load is received through a reaction force of a same size as the load by said fixed portion.

Claim 24 (New): The planetary gearset of claim 22, further comprising a permanent gap adjacent to said rotating element configured to allow the rotating element to rotate.

Claim 25 (New): The planetary gearset of claim 22, further comprising a permanent gap between said rotating element and a bearing therefor.

Claim 26 (New): The planetary gearset of claim 22, further comprising a grooved spline provided between said fixed element and a casing configured to allow the fixed element to move without rotation in said predetermined radial direction.

Claim 27 (New): The planetary gearset of claim 22, wherein the fixed element is retained on said fixed portion by an elastic member.

Claim 28 (New): The planetary gearset of claim 22, wherein the fixed element is the carrier and the rotating element is the ring gear.

Claim 29 (New): The planetary gearset of claim 22, wherein said external gear is a counter gear, said rotating element is a ring gear, and said ring gear is meshed with pinion gears.

Claim 30 (New): The planetary gearset of claim 29, wherein external teeth of said ring gear are meshed with said counter gear.

Claim 31 (New): A planetary gearset comprising:
a sun gear;
a ring gear arranged on a same axis as the sun gear;

a counter gear configured to transmit torque to said ring gear via external teeth thereof and which is arranged eccentric with respect to said sun gear and said ring gear;

a plurality of pinion gears provided between said sun gear and said ring gear and meshing with those gears; wherein

said pinion gears are arranged away from, in a circumferential direction, a location at which torque is transmitted between said ring gear and said counter gear; and wherein

a carrier rotatably retains said pinion gears and is disposed so as not to rotate.

Claim 32 (New): The planetary gearset according to claim 31, wherein the pinion gears are arranged such that the location at which torque is transmitted lies between two of the pinion gears.

Claim 33 (New): A planetary gearset comprising:

a sun gear;

a ring gear arranged on a same axis as the sun gear;

an external member configured to transmit torque between one of the sun gear and the ring gear, and the external member, and which is arranged eccentric with respect to the sun gear and the ring gear;

a plurality of pinion gears provided between the sun gear and the ring gear, with all of the pinion gears being arranged to be concentrated in an area near, in a circumferential direction, a location at which torque is transmitted between one of the sun gear and the ring gear, and the external member and to be excluded from an area away from said location; wherein

a carrier rotatably retains said pinion gears and is disposed so as not to rotate.

Claim 34 (New): The planetary gearset according to claim 33, wherein said area is a half of said carrier adjacent to said location.

Claim 35 (New): The planetary gearset according to claim 34, wherein said pinion gears are equidistantly distributed over an angle of 180° .

Claim 36 (New): The planetary gearset according to claim 33, wherein the fixed element is the carrier and the rotating element is the ring gear.

Claim 37 (New): The planetary gearset of claim 33, wherein said external gear is a counter gear, said rotating element is a ring gear, and said ring gear is meshed with pinion gears.

Claim 38 (New): The planetary gearset of claim 37, wherein external teeth of said ring gear are meshed with said counter gear.

Claim 39 (New): The planetary gearset according to claim 28, further comprising:
a plurality of pinion pins rotatably retained on the pinion gears by bearings, the pinion pins being fixed to the carrier;

an oil path configured to connect axial ends of the pinion pins from an axial end of the pinion pin on an upper level side to the axial end of the pinion pin on a lower level side in that order, the oil path formed on the axial end side of the pinion pins so as to lead lubricating oil that runs down from above; and

an oil sump formed in a location corresponding to the axial end of at least one of the pinion pins and into which the lubricating oil that runs down the oil path runs, the oil sump

collecting the lubricating oil, and being intercommunicated with the bearing of the at least one of the pinion pins.

Claim 40 (New): The planetary gearset according to claim 28, further comprising:
a plurality of pinion pins rotatably retained on the pinion gears by bearings, the pinion pins being fixed to the carrier;

a plurality of oil holes extending from axial ends of the pinion pins to the bearings;
an oil path configured to connect open ends of the oil holes from the open end of the oil hole on an upper side to an open end of the oil hole on a lower side in that order, the oil path being formed on an axial end side to which the oil holes of the pinion pins open so as to lead lubricating oil that runs down from above; and

an oil sump formed in a location corresponding to the open end of at least one of the oil holes, into which the lubricating oil that runs down the oil path runs, the oil sump collecting the lubricating oil, and being intercommunicated with the at least one of the oil holes.

Claim 41 (New): The planetary gearset according to claim 36, wherein a plurality of the oil sumps are formed, and one of the plurality of oil sumps is formed with a different lubricating oil collecting capacity than another of the plurality of oil sumps.

Claim 42 (New): The planetary gearset according to claim 39, further comprising:
a first rotating body configured to transfer the lubricating oil by rotating; and
a second rotating body configured to retain the lubricating oil transferred by the first rotating body and to transfer, by rotating, the lubricating oil to a portion requiring lubrication provided at an upper level end of the oil path.

Claim 43 (New): The planetary gearset according to claim 42, wherein the second rotating body has formed therein a recessed portion that retains the lubricating oil.

Claim 44 (New): The planetary gearset according to claim 42, further comprising:
a transfer portion configured to temporarily retain the lubricating oil in at least one of a path that transfers the lubricating oil from the first rotating body to the second rotating body and a path that transfers the lubricating oil from the second rotating body to a portion requiring lubrication.

Claim 45 (New): The planetary gearset according to claim 44, wherein the transfer portion is a portion that picks up the lubricating oil adhered to at least one end face of one of the first rotating body and the second rotating body.

Claim 46 (New): The planetary gearset according to claim 44, further comprising:
a pushing out mechanism configured to push the lubricating oil retained in at least one of the first rotating body and the second rotating body out in an axial direction of the rotating body, and to lead the lubricating oil to at least one path from among the path that transfers the lubricating oil from the first rotating body to the second rotating body and the path that transfers the lubricating oil from the second rotating body to a portion requiring lubrication.

Claim 47 (New): The planetary gearset according to claim 42, wherein an upper level edge of the portion requiring lubricating is higher than an upper edge of the first rotating body.

Claim 48 (New): The planetary gearset according to claim 42, wherein a rotation speed of the second rotating body is faster than a rotation speed of the first rotating body.

Claim 49 (New): The planetary gearset according to claim 42, wherein:
the sun gear, the ring gear, and the pinion gears are rotating members for transmitting power between a driving force source and a wheel; and
the first rotating body is coupled with one of the sun gear and the ring gear and is submersed in a main lubricating oil sump.

Claim 50 (New): The planetary gearset according to claim 22, further comprising:
a first rotating body configured to transfer lubricating oil by rotating; and
a second rotating body configured to retain the lubricating oil transferred by the first rotating body and to transfer, by rotating, the lubricating oil to a portion requiring lubrication provided at an upper end of the rotating element.

Claim 51 (New): The planetary gearset according to claim 31, further comprising:
a plurality of pinion pins rotatably retained on the pinion gears by bearings, the pinion pins being fixed to the carrier;
an oil path configured to connect axial ends of the pinion pins, from the axial end of the pinion pin on an upper level side to the axial end of the pinion pin on a lower level side in that order, the oil path being formed on the axial end side of the pinion pins so as to lead lubricating oil that runs down from above; and
an oil sump formed in a location corresponding to the axial end of at least one of the pinion pins, and into which the lubricating oil that runs down the oil path runs, the oil sump

collecting the lubricating oil, and being intercommunicated with the bearing of the at least one of the pinion pins.

Claim 52 (New): The planetary gearset according to claim 33, further comprising:
a plurality of pinion pins rotatably retained on the pinion gears by bearings, the pinion pins being fixed to the carrier;

an oil path configured to connect axial ends of the pinion pins, from the axial end of the pinion pin on an upper level side to the axial end of the pinion pin on a lower level side in that order, the oil path being formed on the axial end side of the pinion pins so as to lead lubricating oil that runs down from above; and

an oil sump formed in a location corresponding to the axial end of at least one of the pinion pins, and into which the lubricating oil that runs down the oil path runs, the oil sump collecting the lubricating oil, and being intercommunicated with the bearing of the at least one of the pinion pins.

Claim 53 (New): The planetary gearset according to claim 31, further comprising:
a plurality of pinion pins rotatably retained on the pinion gears by bearings, the pinion pins being fixed to the carrier;

a plurality of oil holes extending from the axial ends of the pinion pins to the bearings;
an oil path configured to connect open ends of the oil holes from the open end of the oil hole on an upper side to an open end of the oil hole on a lower side in that order, the oil path being formed on an axial end side to which the oil holes of the pinion pins open so as to lead lubricating oil that runs down from above; and

an oil sump formed in a location corresponding to the open end of at least one of the oil holes, into which the lubricating oil that runs down the oil path runs, the oil sump

collecting the lubricating oil, and being intercommunicated with the at least one of the oil holes.

Claim 54 (New): The planetary gearset according to claim 33, further comprising:
a plurality of pinion pins rotatably retained on the pinion gears by bearings, the pinion pins being fixed to the carrier;

a plurality of oil holes extending from axial ends of the pinion pins to the bearings;
an oil path configured to connect open ends of the oil holes from the open end of the oil hole on an upper side to an open end of the oil hole on a lower side in that order, the oil path being formed on an axial end side to which the oil holes of the pinion pins open so as to lead lubricating oil that runs down from above; and

an oil sump formed in a location corresponding to the open end of at least one of the oil holes, into which the lubricating oil that runs down the oil path runs, the oil sump collecting the lubricating oil, and being intercommunicated with the at least one of the oil holes.

Claim 55 (New): The planetary gearset according to claim 31, further comprising:
a first rotating body configured to transfer lubricating oil by rotating; and
a second rotating body configured to retain the lubricating oil transferred by the first rotating body and to transfer, by rotating, the lubricating oil to a portion requiring lubrication provided at an upper end of the rotating element.

Claim 56 (New): The planetary gearset according to claim 33, further comprising:
a first rotating body configured to transfer lubricating oil by rotating; and

a second rotating body configured to retain the lubricating oil transferred by the first rotating body and to transfer, by rotating, the lubricating oil to a portion requiring lubrication provided at an upper end of the rotating element.